

Andrew Freistein 10/801,519

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NEWS 5 OCT 04 CA/Capplus-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
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NEWS 15 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
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NEWS 17 DEC 16 MARPATprev will be removed from STN on December 31, 2005
NEWS 18 DEC 21 IPC search and display fields enhanced in CA/Capplus with the
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=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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*

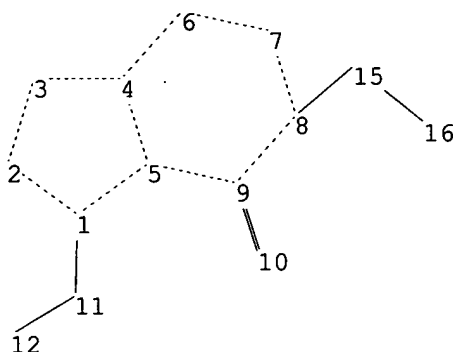
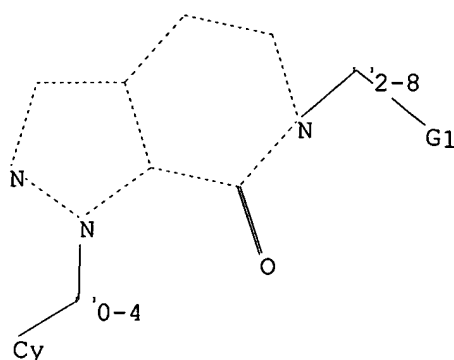
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=>

Uploading C:\Program Files\Stnexp\Queries\10801519\c.str



chain nodes :
10 11 12 15 16
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
1-11 8-15 9-10 11-12 15-16
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9
exact/norm bonds :
1-2 1-5 1-11 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 8-15 9-10 11-12 15-16

G1: Cy, C, O, S, N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:Atom 15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 15:45:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 110 TO ITERATE

100.0% PROCESSED 110 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1571 TO 2829
PROJECTED ANSWERS: 7 TO 298

L2 7 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:45:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2134 TO ITERATE

100.0% PROCESSED 2134 ITERATIONS 122 ANSWERS
SEARCH TIME: 00.00.01

L3 122 SEA SSS FUL L1

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=> file hcaplus

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SINCE FILE

TOTAL

ENTRY

SESSION

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167.15

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FILE COVERS 1907 - 10 Jan 2006 VOL 144 ISS 3

FILE LAST UPDATED: 9 Jan 2006 (20060109/ED)

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=> s l3

L4 2 L3

=> d ibib 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:799560 HCAPLUS

DOCUMENT NUMBER: 141:296013

TITLE: Preparation of factor Xa- and thrombin-inhibiting tetrahydropyrazolo[3,4-c]pyridinones as potential anticoagulant agents

INVENTOR(S): Pinto, Donald J.

PATENT ASSIGNEE(S): Brystol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 328 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004083177	A2	20040930	WO 2004-US8198	20040317
WO 2004083177	A3	20050120		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			

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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

US 2004214808 A1 20041028 US 2004-801519 20040316

EP 1603909 A2 20051214 EP 2004-757579 20040317

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK

PRIORITY APPLN. INFO.: US 2003-455708P P 20030318
US 2004-801519 A 20040316
WO 2004-US8198 W 20040317

OTHER SOURCE(S): MARPAT 141:296013

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:462305 HCAPLUS

DOCUMENT NUMBER: 125:114610

TITLE: Preparation of pyrazolo[3,4-c]pyridines as inhibitors
of phosphodiesterase type IV and production of tumor
necrosis factor

INVENTOR(S): Duplantier, Allen J.

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9612720	A1	19960502	WO 1995-IB847	19951006
W: AU, CA, CN, CZ, HU, JP, KR, NO, NZ, PL, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2201728	AA	19960502	CA 1995-2201728	19951006
AU 9535317	A1	19960515	AU 1995-35317	19951006
AU 702105	B2	19990211		
EP 787132	A1	19970806	EP 1995-932148	19951006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CN 1161040	A	19971001	CN 1995-195743	19951006
CN 1050129	B	20000308		
JP 09511758	T2	19971125	JP 1995-513751	19951006
HU 77517	A2	19980528	HU 1997-2289	19951006
FI 9504991	A	19960421	FI 1995-4991	19951019
ZA 9508839	A	19970421	ZA 1995-8839	19951019
BR 9504491	A	19970520	BR 1995-4491	19951020
NO 9701811	A	19970618	NO 1997-1811	19970418
AU 9892402	A1	19990121	AU 1998-92402	19981113

PRIORITY APPLN. INFO.: US 1994-326434 A 19941020
US 1993-88292 A 19930706
AU 1994-68057 A3 19940616
AU 1995-35317 A3 19951006
WO 1995-IB847 W 19951006

OTHER SOURCE(S): CASREACT 125:114610; MARPAT 125:114610

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L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

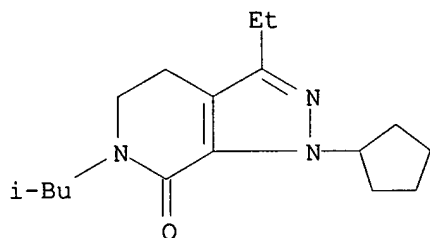
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179170-90-2P 179170-92-4P 179170-93-5P
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179171-28-9P 179171-29-0P 179171-32-5P
179171-44-9P 179171-45-0P 179171-46-1P
179171-47-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase type IV and production of tumor necrosis factor)

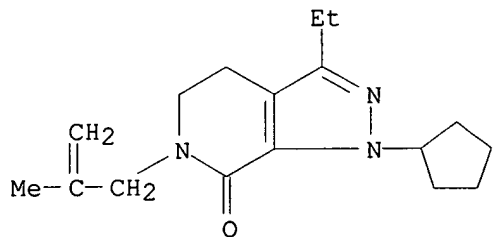
RN 179170-87-7 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-methylpropyl)- (9CI) (CA INDEX NAME)



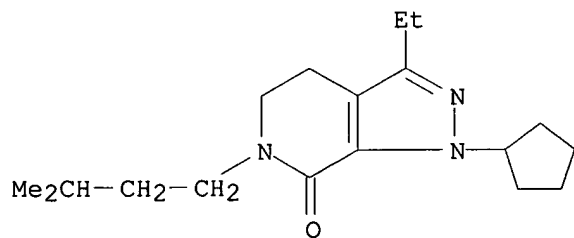
RN 179170-88-8 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)



RN 179170-89-9 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(3-methylbutyl)- (9CI) (CA INDEX NAME)

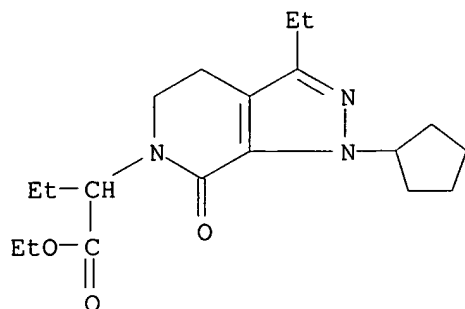


RN 179170-90-2 HCAPLUS

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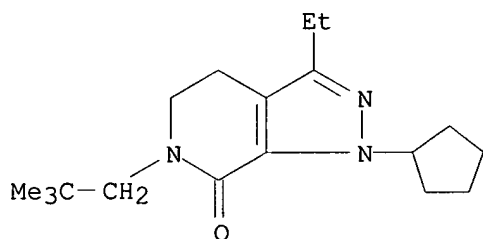
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1,4,5,7-tetrahydro-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)



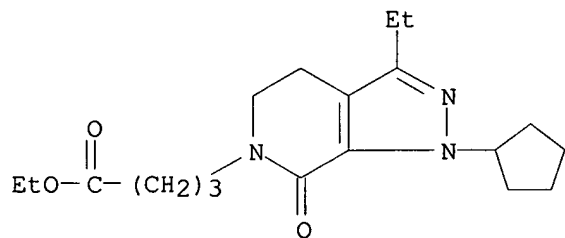
RN 179170-92-4 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-6-(2,2-dimethylpropyl)-3-ethyl-1,4,5,6-tetrahydro- (9CI) (CA INDEX NAME)



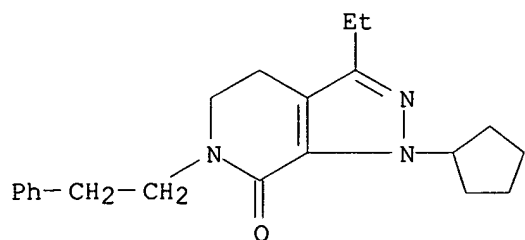
RN 179170-93-5 HCAPLUS

CN 6H-Pyrazolo[3,4-c]pyridine-6-butanoic acid, 1-cyclopentyl-3-ethyl-1,4,5,7-tetrahydro-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)

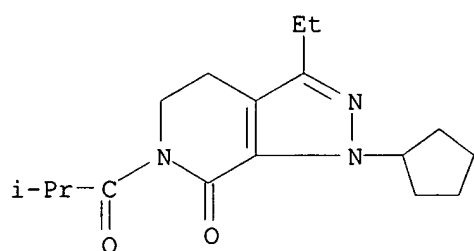


RN 179170-94-6 HCAPLUS

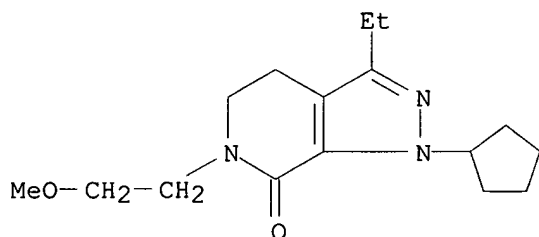
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-phenylethyl)- (9CI) (CA INDEX NAME)



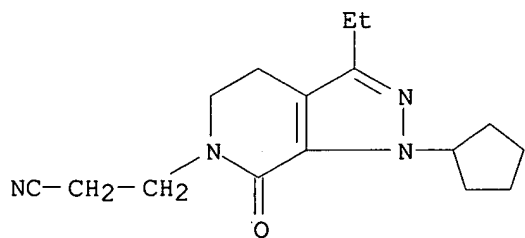
RN 179171-18-7 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-methyl-1-oxopropyl)- (9CI) (CA INDEX NAME)



RN 179171-23-4 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-methoxyethyl)- (9CI) (CA INDEX NAME)



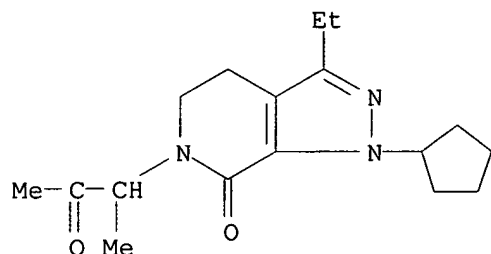
RN 179171-28-9 HCAPLUS
CN 6H-Pyrazolo[3,4-c]pyridine-6-propanenitrile, 1-cyclopentyl-3-ethyl-1,4,5,7-tetrahydro-7-oxo- (9CI) (CA INDEX NAME)



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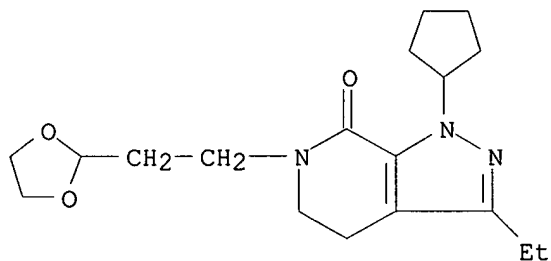
RN 179171-29-0 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(1-methyl-2-oxopropyl)- (9CI) (CA INDEX NAME)



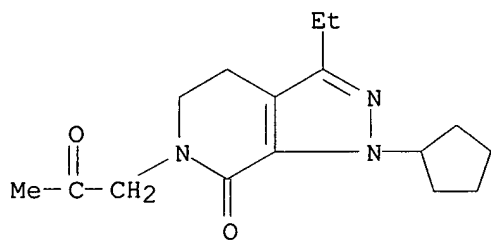
RN 179171-32-5 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-6-[2-(1,3-dioxolan-2-yl)ethyl]-3-ethyl-1,4,5,6-tetrahydro- (9CI) (CA INDEX NAME)



RN 179171-44-9 HCAPLUS

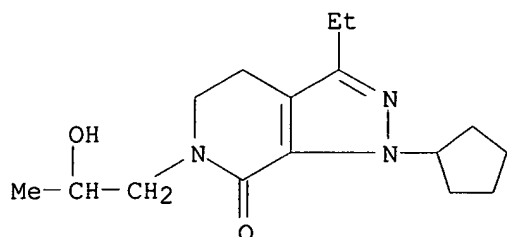
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-oxopropyl)- (9CI) (CA INDEX NAME)



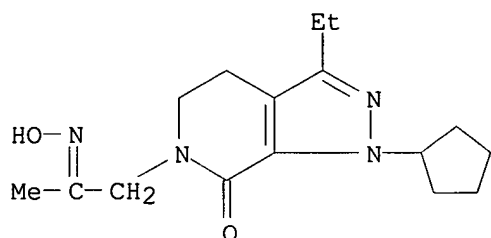
RN 179171-45-0 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-(2-hydroxypropyl)- (9CI) (CA INDEX NAME)

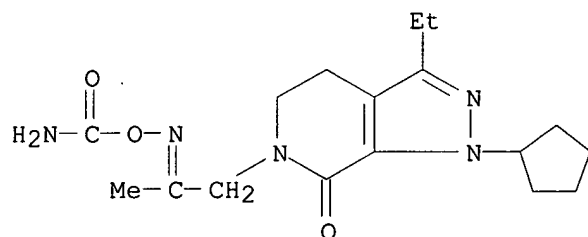
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RN 179171-46-1 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro-6-[2-(hydroxyimino)propyl]- (9CI) (CA INDEX NAME)



RN 179171-47-2 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[2-[[[(aminocarbonyl)oxy]imino]propyl]-1-cyclopentyl-3-ethyl-1,4,5,6-tetrahydro- (9CI) (CA INDEX NAME)



=>

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=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

01/11/2006

Page 10

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FULL ESTIMATED COST

9.71

176.86

STN INTERNATIONAL LOGOFF AT 15:47:22 ON 10 JAN 2006

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*IFIUDB - The IFI Uniterm Database from 1950-present

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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*
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* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

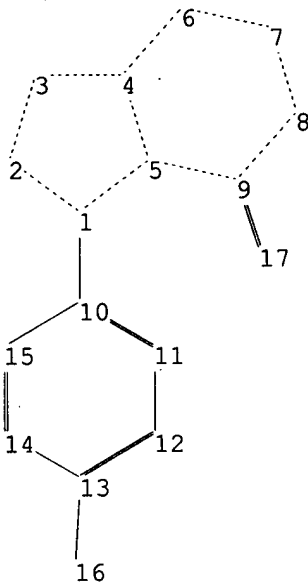
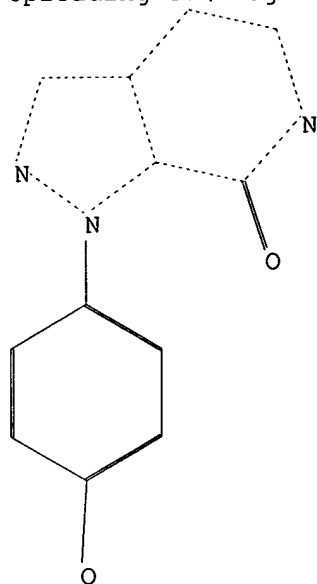
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10801519\a.str



chain nodes :

16 17

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

1-10 9-17 13-16

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-5 1-10 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 9-17 13-16

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS

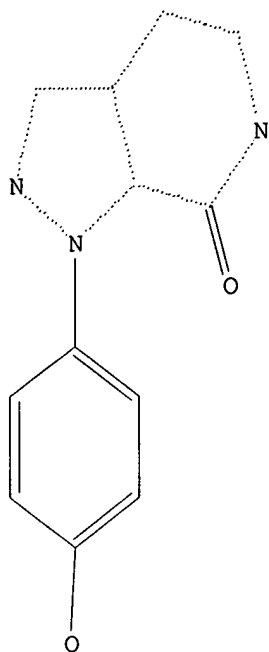
L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:19:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 190 TO ITERATE

100.0% PROCESSED 190 ITERATIONS 42 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2973 TO 4627
PROJECTED ANSWERS: 452 TO 1228

L2 42 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:19:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4293 TO ITERATE

100.0% PROCESSED 4293 ITERATIONS 916 ANSWERS
SEARCH TIME: 00.00.01

L3 916 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
166.94	167.15

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 13:19:30 ON 10 JAN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

01/11/2006

Page 4

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FILE COVERS 1907 - 10 Jan 2006 VOL 144 ISS 3
FILE LAST UPDATED: 9 Jan 2006 (20060109/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 13 L3

=> d ibib 1-13

L4 ANSWER 1 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:799560 HCAPLUS
 DOCUMENT NUMBER: 141:296013
 TITLE: Preparation of factor Xa- and thrombin-inhibiting tetrahydropyrazolo[3,4-c]pyridinones as potential anticoagulant agents
 INVENTOR(S): Pinto, Donald J.
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 328 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004083177	A2	20040930	WO 2004-US8198	20040317
WO 2004083177	A3	20050120		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004214808	A1	20041028	US 2004-801519	20040316
EP 1603909	A2	20051214	EP 2004-757579	20040317
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.: US 2003-455708P P 20030318				
US 2004-801519 A 20040316				
WO 2004-US8198 W 20040317				

OTHER SOURCE(S): MARPAT 141:296013

L4 ANSWER 2 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:799558 HCAPLUS
 DOCUMENT NUMBER: 141:296012
 TITLE: Preparation of factor Xa- and thrombin-inhibiting substituted benzamides and sulfonylbenzamides as potential anticoagulants
 INVENTOR(S): Pinto, Donald J.; Qiao, Jennifer X.; Gangor, Timur; Lam, Patrick Y. S.; Li, Yun-long
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 279 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004083174	A2	20040930	WO 2004-US8033	20040317
WO 2004083174	A3	20041125		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004209863	A1	20041021	US 2004-801518	20040316
EP 1603562	A2	20051214	EP 2004-757516	20040317
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.: US 2003-455709P P 20030318				
US 2004-801518 A 20040316				
WO 2004-US8033 W 20040317				

OTHER SOURCE(S): MARPAT 141:296012

L4 ANSWER 3 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:950836 HCAPLUS
 DOCUMENT NUMBER: 140:16722
 TITLE: Preparation of 1,1-disubstituted cycloalkyl derivatives as factor Xa inhibitors for treating a thromboembolic disorder
 INVENTOR(S): Qiao, Jennifer X.; Pinto, Donald J.; Orwat, Michael J.; Han, Wei; Friedrich, Sarah R.
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 686 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003099276	A1	20031204	WO 2003-US13893	20030505
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004254158	A1	20041216	US 2003-430024	20030505
EP 1505966	A1	20050216	EP 2003-755341	20030505
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: US 2002-379357P P 20020510				
US 2002-415367P P 20021002				
WO 2003-US13893 W 20030505				

OTHER SOURCE(S): MARPAT 140:16722
 REFERENCE COUNT: 1
 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 4 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:472339 HCAPLUS
 DOCUMENT NUMBER: 139:53014
 TITLE: Synthesis of 4,5-dihydro-pyrazolo[3,4-c]pyrid-2-ones
 INVENTOR(S): Zhou, Jiacheng; Oh, Lynette M.; Ma, Philip; Li, Hui-yin
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 143 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003049681	A2	20030619	WO 2002-US38559	20021203
WO 2003049681	A3	20030918		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003181466	A1	20030925	US 2002-308741	20021203
EP 6919451	B2	20050719		
EP 1467984	A2	20041020	EP 2002-784699	20021203
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002014845	A	20041207	BR 2002-14845	20021203
JP 2005111712	T2	20050428	JP 2003-550732	20021203
US 2005245566	A1	20051103	US 2005-147634	20050608
PRIORITY APPLN. INFO.: US 2001-339085P P 20011210				
US 2002-308741 A3 20021203				
WO 2002-US38559 W 20021203				

OTHER SOURCE(S): MARPAT 139:53014

L4 ANSWER 5 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:454323 HCAPLUS
DOCUMENT NUMBER: 139:22501
TITLE: Preparation of glycineamide heterocyclic derivatives
as
factor Xa inhibitors
INVENTOR(S): Pinto, Donald J. P.; Han, Wei; Hu, Zilun
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA; Qiao, Jennifer
SOURCE: PCT Int. Appl., 451 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003048158	A1	20030612	WO 2002-US38239	20021127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
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US 2003232804	A1	20031218	US 2002-304070	20021125
EP 1465892	A1	20041013	EP 2002-786826	20021127
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			US 2001-336994P	P 20011204
			WO 2002-US38239	W 20021127

OTHER SOURCE(S): MARPAT 139:22501
REFERENCE COUNT: 2
THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 6 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:454257 HCAPLUS
DOCUMENT NUMBER: 139:7167
TITLE: Preparation of glycineamide heterocyclic derivatives
as
factor Xa inhibitors
INVENTOR(S): Pinto, Donald J. P.; Han, Wei; Hu, Zilun
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA; Qiao, Jennifer
SOURCE: PCT Int. Appl., 448 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003048081	A2	20030612	WO 2002-US37212	20021118
WO 2003048081	A3	20030912		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003232804	A1	20031218	US 2002-304070	20021125
PRIORITY APPLN. INFO.:			US 2001-336994P	P 20011204
OTHER SOURCE(S):			MARPAT 139:7167	

L4 ANSWER 7 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:454070 HCAPLUS
DOCUMENT NUMBER: 139:36526
TITLE: Preparation of imidazolylphenylpyrazolopyridinones as factor Xa inhibitors
INVENTOR(S): Quan, Mimi L.; Wexler, Ruth R.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 421 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003047520	A2	20030612	WO 2002-US38331	20021126
WO 2003047520	A3	20040115		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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US 2003212054	A1	20031113	US 2002-304810	20021126
US 6949550	B2	20050927		
EP 1450800	A2	20040901	EP 2002-791349	20021126
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PRIORITY APPLN. INFO.:			US 2001-337051P	P 20011204
			WO 2002-US38331	W 20021126

OTHER SOURCE(S): MARPAT 139:36526

L4 ANSWER 8 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:261670 HCAPLUS
DOCUMENT NUMBER: 138:287666
TITLE: Preparation of heteroarylactams as Factor Xa inhibitors
INVENTOR(S): Pinto, Donald; Quan, Mimi; Orwat, Michael; Li, Yun-Long; Han, Wei; Qiao, Jennifer; Lam, Patrick; Koch, Stephanie
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 441 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003026652	A1	20030403	WO 2002-US29491	20020917
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2461202	AA	20030403	CA 2002-2461202	20020917
US 2003191115	A1	20031009	US 2002-245122	20020917
US 6967208	B2	20051122		
EP 1427415	A1	20040616	EP 2002-775843	20020917
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BR 2002012726	A	20040803	BR 2002-12726	20020917
JP 2005507889	T2	20050324	JP 2003-530289	20020917
ZA 2004002184	A	20050503	ZA 2004-2184	20040318
NO 2004001163	A	20040503	NO 2004-1163	20040319
US 2004220174	A1	20041104	US 2004-850587	20040520
US 2005124602	A1	20050609	US 2004-970781	20041020
US 2005171085	A1	20050804	US 2004-970807	20041021
US 2005261287	A1	20051124	US 2005-154972	20050616
US 2005267097	A1	20051201	US 2005-198801	20050805
PRIORITY APPLN. INFO.:			US 2001-324165P	P 20010921
			US 2002-402317P	P 20020809
			US 2002-245122	A3 20020917
			WO 2002-US29491	W 20020917
			US 2004-850587	A3 20040520
			US 2004-970807	A1 20041021

OTHER SOURCE(S): MARPAT 139:287666
REFERENCE COUNT: 1
THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 8 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

ACCESSION NUMBER: 2002:832611 HCAPLUS
DOCUMENT NUMBER: 137:337882
TITLE: Preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor Xa inhibitors
INVENTOR(S): Pinto, Donald J.; Galemme, Robert J.; Orwat, Michael J.; Quan, Mimi L.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085356	A1	20021031	WO 2002-US12319	20020417
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
TH				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2444571	AA	20021031	CA 2002-2444571	20020417
US 2002177713	A1	20021128	US 2002-124383	20020417
US 6750225	B2	20040615		
EP 1379245	A1	20040114	EP 2002-723904	20020417
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			US 2001-284615P	P 20010418
			WO 2002-US12319	W 20020417

OTHER SOURCE(S): MARPAT 137:337882
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:58807 HCAPLUS
DOCUMENT NUMBER: 138:122661
TITLE: Preparation of pyrazolopyridines, imidazopyrazines, and related compounds as Factor Xa inhibitors.
INVENTOR(S): Pinto, Donald Joseph Philip; Li, Renhua
PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA
SOURCE: U.S. Pat. Appl. Publ., 82 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003018023	A1	20030123	US 2002-105477	20020325
US 6960595	B2	20051101		
PRIORITY APPLN. INFO.:			US 2001-278165P	P 20010323
OTHER SOURCE(S):			MARPAT 138:122661	

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:832608 HCAPLUS
DOCUMENT NUMBER: 137:337881
TITLE: Preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor Xa inhibitors
INVENTOR(S): Pinto, Donald J.; Galemme, Robert A.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085353	A1	20021031	WO 2002-US12204	20020417
WO 2002085353	C2	20030103		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
TH				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2441772	AA	20021031	CA 2002-2441772	20020417
US 2003022916	A1	20030130	US 2002-124360	20020417
US 6706730	B2	20040316		
EP 1379244	A1	20040114	EP 2002-725721	20020417
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			US 2001-284614P	P 20010418
			WO 2002-US12204	W 20020417

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

Andrew Freistein 10/801,519

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2006 ACS ON STN
ACCESSION NUMBER: 2000:457072 HCAPLUS
DOCUMENT NUMBER: 133:74031
TITLE: Preparation of nitrogen-containing heterobicycles
[pyrazolopyrimidines and analogs] as factor Xa
inhibitors
INVENTOR(S): Fevig, John M.; Cacciola, Joseph; Clark, Charles G.;
Lam, Patrick Yuk Sun; Pinto, Donald J. P.; Pruitt,
James R.; Rossi, Karen A.
PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA
SOURCE: PCT Int. Appl., 333 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000039131	A1	20000706	WO 1999-US30316	19991217
W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2349330	AA	20000706	CA 1999-2349330	19991217
EP 1140941	A1	20011010	EP 1999-967444	19991217
EP 1140941	B1	20041020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9917080	A	20020312	BR 1999-17080	19991217
AU 759711	B2	20030417	AU 2000-23717	19991217
NZ 511674	A	20031128	NZ 1999-511674	19991217
AT 280171	E	20041115	AT 1999-967444	19991217
PT 1140941	T	20050228	PT 1999-967444	19991217
ES 2232202	T3	20050516	ES 1999-967444	19991217
HR 990396	A1	20000831	HR 1999-990396	19991221
ZA 2001003795	A	20020812	ZA 2001-3795	20010510
NO 2001003072	A	20010620	NO 2001-3072	20010620
NO 319816	B1	20050919		

PRIORITY APPLN. INFO.:
US 1998-113628P P 19981223
US 1999-127633P P 19990402
WO 1999-US30316 W 19991217

OTHER SOURCE(S): MARPAT 133:74031
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR
THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 13 OF 13 HCAPLUS COPYRIGHT 2006 ACS ON STN
ACCESSION NUMBER: 1995:480325 HCAPLUS
DOCUMENT NUMBER: 122:239696
TITLE: Preparation of tetrahydropyrazolo[3,4-c]pyridines as
inhibitors of phosphodiesterase IV or the production
of tumor necrosis factor.
INVENTOR(S): Duplantier, Allen Jacob
PATENT ASSIGNEE(S): Pfizer Inc., USA
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9501980	A1	19950119	WO 1994-1B156	19940616
W: AU, BR, CA, CN, CZ, HU, JP, KR, NO, NZ, PL, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9468057	A1	19950206	AU 1994-68057	19940616
AU 695301	B2	19980813		
EP 707585	A1	19960424	EP 1994-916370	19940616
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08507084	T2	19960730	JP 1994-503938	19940616
JP 2944048	B2	19990830		
BR 9406946	A	19960806	BR 1994-6946	19940616
CN 1129940	A	19960828	CN 1994-193233	19940616
CN 1048015	B	20000105		
HU 74170	A2	19961128	HU 1995-3934	19940616
RU 2131876	C1	19990620	RU 1996-103653	19940616
CA 2166721	C	19990727	CA 1994-2166721	19940616
IL 110175	A1	20000131	IL 1994-110175	19940630
FI 9403208	A	19950107	FI 1994-3208	19940705
ZA 9404844	A	19960105	ZA 1994-4844	19940705
NO 9600056	A	19960105	NO 1996-56	19960105
AU 9892402	A1	19990121	AU 1998-92402	19981113

PRIORITY APPLN. INFO.:
US 1993-88292 A 19930706
AU 1994-68057 A3 19940616
WO 1994-1B156 W 19940616
US 1994-326434 A 19941020
AU 1995-35317 A3 19951006

OTHER SOURCE(S): MARPAT 122:239696

Andrew Freistein 10/801,519

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L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:58807 HCAPLUS
DOCUMENT NUMBER: 138:122661
TITLE: Preparation of pyrazolopyridines, imidazopyrazines,
and related compounds as Factor Xa inhibitors.
INVENTOR(S): Pinto, Donald Joseph Philip; Li, Renhua
PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA
SOURCE: U.S. Pat. Appl. Publ., 82 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

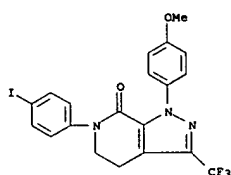
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003018023	A1	20030123	US 2002-105477	20020325
US 6960595	B2	20051101		

PRIORITY APPLN. INFO.: US 2001-278165P P 20010323

OTHER SOURCE(S): HARPAT 138:122661

IT 473927-48-9P
RI: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of pyrazolopyridines, imidazopyrazines, and related
compds. as
Factor Xa inhibitors)

RN 473927-48-9 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-6-(4-iodophenyl)-1-(4-
methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

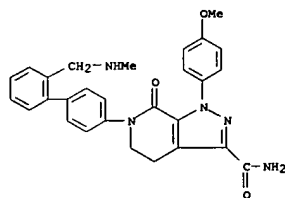


L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
473927-90-1P 473927-92-3P 473927-93-4P
473927-94-5P 473927-96-7P 473928-10-8P
473928-11-9P 473932-27-3P
RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(prepn. of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor

Xa
inhibitors)
RN 473926-74-8 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-
methoxyphenyl)-6-[2'-[(methylamino)methyl][1,1'-biphenyl]-4-yl]-7-oxo-,
mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 473926-73-7
CMF C28 H27 N5 O3



CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 473926-75-9 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide,
4,5,6,7-tetrahydro-6-[2'-[[[(3S)-

3-hydroxy-1-pyrrolidinylmethyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-
7-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:832611 HCAPLUS
DOCUMENT NUMBER: 137:337882
TITLE: Preparation of 1,4,5,6-tetrahydropyrazolo[3,4-
c]pyridin-7-ones as factor Xa inhibitors
INVENTOR(S): Pinto, Donald J.; Galemme, Robert J.; Orwat, Michael
J.; Quan, Mimi L.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 86 pp.
CODEN: FIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

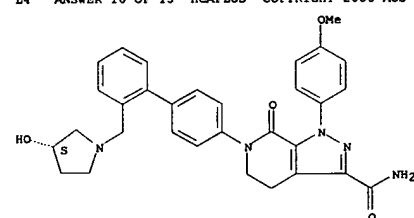
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085356	A1	20021031	WO 2002-US12319	20020417
W: AL, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

TM
RM: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
CA 2444571 AA 20021031 CA 2002-2444571 20020417
US 2002177713 A1 20021128 US 2002-124383 20020417
US 6750225 B2 20040615
EP 1379245 A1 20040114 EP 2002-723904 20020417
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
PRIORITY APPLN. INFO.: US 2001-284615P P 20010418
WO 2002-US12319 W 20020417

OTHER SOURCE(S): HARPAT 137:337882

IT 473926-74-8P 473926-75-9P 473926-76-0P
473926-77-1P 473926-78-2P 473926-80-6P
473926-81-7P 473926-82-8P 473926-83-9P
473926-84-0P 473926-85-1P 473926-87-3P
473926-89-5P 473926-91-9P 473926-92-0P
473926-93-1P 473926-94-2P 473926-95-3P
473926-96-4P 473926-97-5P 473926-98-6P
473927-23-0P 473927-24-1P 473927-25-2P
473927-26-3P 473927-27-4P 473927-28-5P
473927-29-6P 473927-30-9P 473927-31-0P
473927-32-1P 473927-33-2P 473927-34-3P
473927-35-4P 473927-36-5P 473927-37-6P
473927-38-7P 473927-39-8P 473927-40-1P
473927-41-2P 473927-42-3P 473927-79-6P
473927-80-9P 473927-81-0P 473927-82-1P
473927-83-2P 473927-84-3P 473927-85-4P
473927-86-5P 473927-87-6P 473927-88-7P

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



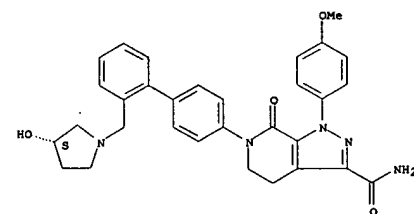
RN 473926-76-0 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide,
4,5,6,7-tetrahydro-6-[2'-[[[(3S)-

3-hydroxy-1-pyrrolidinylmethyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-
7-oxo-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 473926-75-9
CMF C31 H31 N5 O4

Absolute stereochemistry.



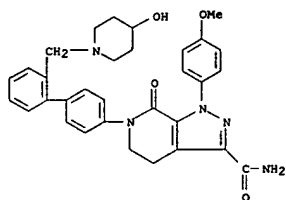
CM 2

CRN 76-05-1
CMF C2 H F3 O2

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473926-77-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-[2'-[4-hydroxy-1-piperidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

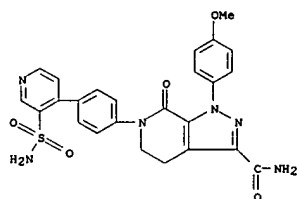


RN 473926-78-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-[2'-[4-hydroxy-1-piperidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CH 1

CRN 473926-77-1
 CMF C32 H33 N5 O4

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

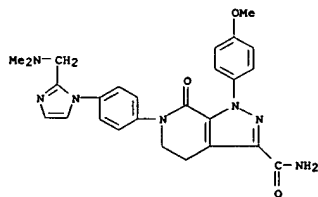


CH 2

CRN 76-05-1
 CMF C2 H F3 O2



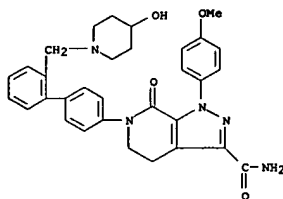
RN 473926-81-7 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2'-[(dimethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)



RN 473926-82-8 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2'-[(dimethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

01/11/2006

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CH 2

CRN 76-05-1
 CMF C2 H F3 O2



RN 473926-80-6 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[3-(aminosulfonyl)-4-pyridinyl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

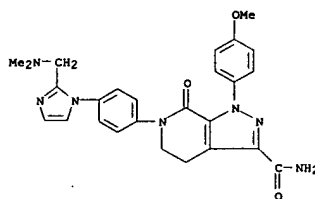
CH 1

CRN 473926-79-3
 CMF C25 H22 N6 O5 S

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CH 1

CRN 473926-81-7
 CMF C26 H27 N7 O3

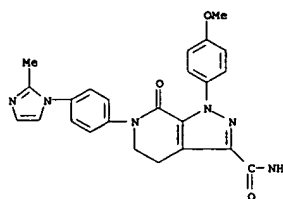


CH 2

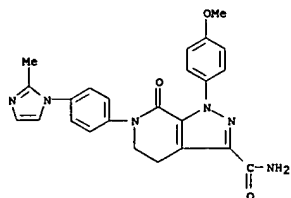
CRN 76-05-1
 CMF C2 H F3 O2



RN 473926-83-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-(2-methyl-1H-imidazol-1-yl)phenyl]-7-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 473926-84-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[(2-methyl-1H-imidazol-1-yl)phenyl]-7-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
 CH 1
 CRN 473926-83-9
 CHF C24 H22 N6 O3



CH 2
 CRN 76-05-1
 CHF C2 H F3 O2

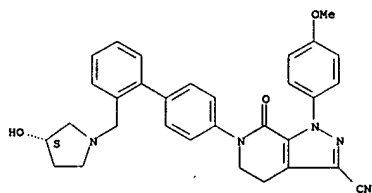


RN 473926-85-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 6-[2'-[(dimethylamino)methyl][1,1'-biphenyl]-4-yl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-6-[2'-[(3S)-3-hydroxy-1-pyrrolidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CH 1
 CRN 473926-88-4
 CHF C31 H29 N5 O3

Absolute stereochemistry.



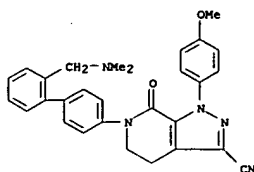
CH 2
 CRN 76-05-1
 CHF C2 H F3 O2



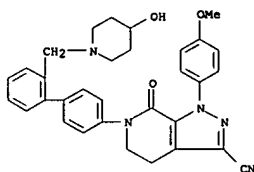
RN 473926-91-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-6-[2'-[(2-hydroxyethyl)methylamino)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CH 1
 CRN 473926-90-8
 CHF C30 H29 N5 O3

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473926-87-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-6-[2'-[(4-hydroxy-1-piperidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)
 CH 1
 CRN 473926-86-2
 CHF C32 H31 N5 O3

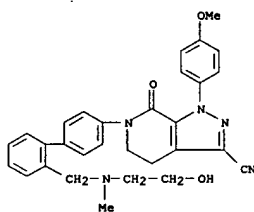


CH 2
 CRN 76-05-1
 CHF C2 H F3 O2



RN 473926-89-5 HCAPLUS

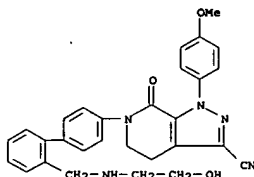
L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CH 2
 CRN 76-05-1
 CHF C2 H F3 O2

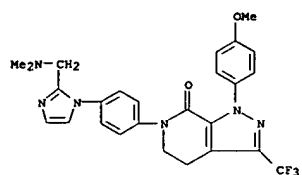


RN 473926-92-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-6-[2'-[(2-hydroxyethyl)amino)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)



RN 473926-93-1 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridine-7-one, 6-[4-[2'-[(dimethylamino)methyl]-1H-imidazol-1-yl]phenyl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

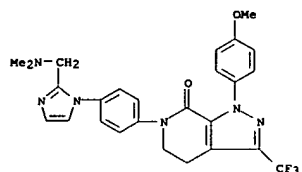
L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473926-94-2 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[4-[(dimethylamino)methyl]-1H-imidazol-1-yl]phenyl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 473926-93-1
 CMF C26 H25 F3 N6 O2



CH 2

CRN 76-05-1
 CMF C2 H F3 O2

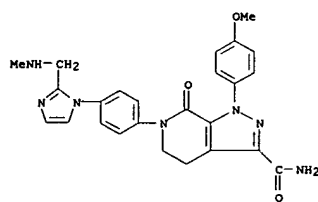


RN 473926-95-3 HCAPLUS

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



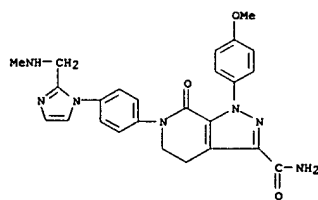
RN 473926-97-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-[2-[(methylamino)methyl]-1H-imidazol-1-yl]phenyl]-7-oxo- (9CI) (CA INDEX NAME)



RN 473926-98-6 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-[2-[(methylamino)methyl]-1H-imidazol-1-yl]phenyl]-7-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 473926-97-5
 CMF C25 H25 N7 O3

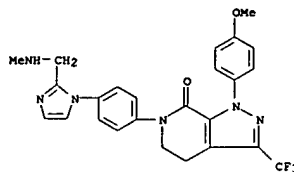


CH 2

01/11/2006

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

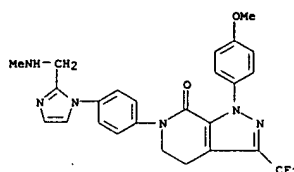
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-6-[4-[2-[(methylamino)methyl]-1H-imidazol-1-yl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 473926-96-4 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-6-[4-[2-[(methylamino)methyl]-1H-imidazol-1-yl]phenyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 473926-95-3
 CMF C25 H23 F3 N6 O2



CH 2

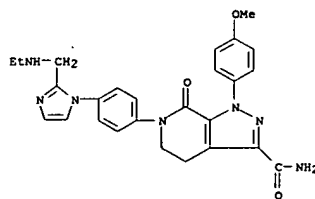
CRN 76-05-1
 CMF C2 H F3 O2

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 76-05-1
 CMF C2 H F3 O2



RN 473927-23-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-[(ethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

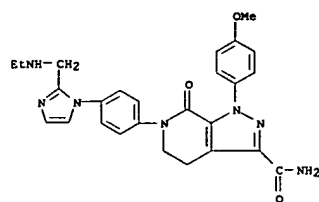


RN 473927-24-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-[(ethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 473927-23-0
 CMF C26 H27 N7 O3

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



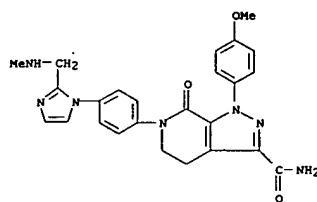
CH 2
CRN 76-05-1
CMF C2 H F3 O2



RN 473927-25-2 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-{2-[(methylamino)methyl]-1H-imidazol-1-yl}phenyl]-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1
CRN 473926-97-5
CMF C25 H25 N7 O3

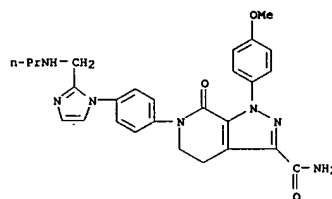
L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CH 2
CRN 76-05-1
CMF C2 H F3 O2



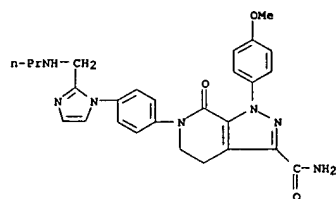
RN 473927-26-3 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-{2-[(propylamino)methyl]-1H-imidazol-1-yl}phenyl]-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)



RN 473927-27-4 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
methoxyphenyl]-7-oxo-6-[4-{2-[(propylamino)methyl]-1H-imidazol-1-yl}phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1
CRN 473927-26-3
CMF C27 H29 N7 O3

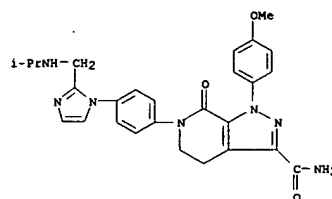


CH 2
CRN 76-05-1
CMF C2 H F3 O2



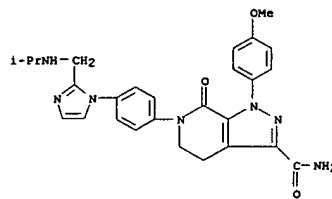
RN 473927-28-5 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-{2-[(1-methylethylamino)methyl]-1H-imidazol-1-yl}phenyl]-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473927-29-6 HCAPLUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[4-{2-[(1-methylethylamino)methyl]-1H-imidazol-1-yl}phenyl]-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1
CRN 473927-28-5
CMF C27 H29 N7 O3

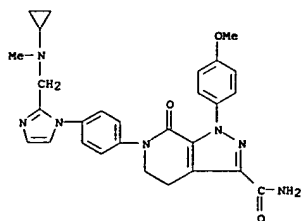


CH 2
CRN 76-05-1
CMF C2 H F3 O2



RN 473927-30-9 HCAPLUS

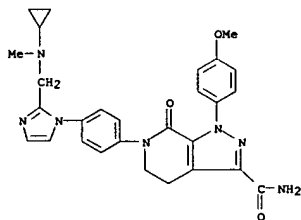
L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-
 [(cyclopropylmethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-
 tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)



RN 473927-31-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-
 [(cyclopropylmethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-
 tetrahydro-1-(4-methoxyphenyl)-7-oxo-, bis(trifluoroacetate) (9CI) (CA
 INDEX NAME)

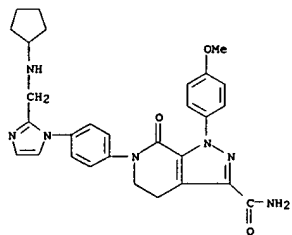
CM 1

CRN 473927-30-9
 CMF C28 H29 N7 O3



CM 2

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

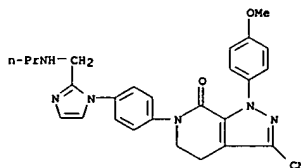


CM 2

CRN 76-05-1
 CMF C2 H F3 O2



RN 473927-34-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-1-(4-
 methoxyphenyl)-7-oxo-6-[4-[2-[(propylamino)methyl]-1H-imidazol-1-
 yl]phenyl]- (9CI) (CA INDEX NAME)



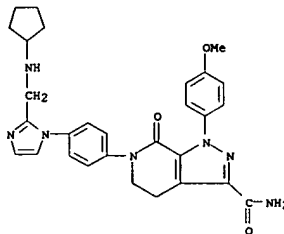
RN 473927-35-4 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-1-(4-
 methoxyphenyl)-7-oxo-6-[4-[2-[(propylamino)methyl]-1H-imidazol-1-
 yl]phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 76-05-1
 CMF C2 H F3 O2



RN 473927-32-1 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-
 [(cyclopentylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-
 (4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)



RN 473927-33-2 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-
 [(cyclopentylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-
 (4-methoxyphenyl)-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

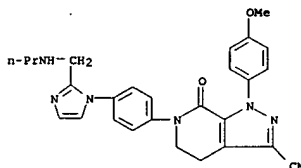
CM 1

CRN 473927-32-1
 CMF C29 H31 N7 O3

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 1

CRN 473927-34-3
 CMF C27 H27 N7 O2

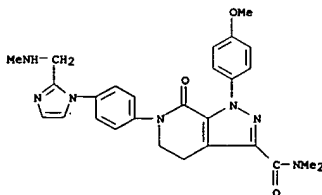


CM 2

CRN 76-05-1
 CMF C2 H F3 O2



RN 473927-36-5 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-
 methoxyphenyl)-N,N-dimethyl-6-[4-[2-[(methylamino)methyl]-1H-imidazol-1-
 yl]phenyl]-7-oxo- (9CI) (CA INDEX NAME)

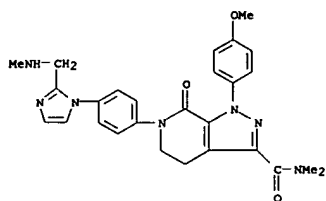


RN 473927-37-6 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-
 methoxyphenyl)-N,N-dimethyl-6-[4-[2-[(methylamino)methyl]-1H-imidazol-1-
 yl]phenyl]-7-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
yl]phenyl]-7-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 473927-36-5
CMF C27 H29 N7 O3



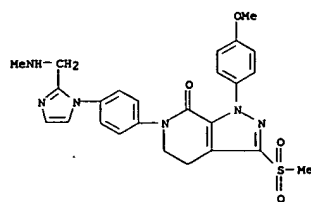
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 473927-38-7 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-1-((4-methoxyphenyl)-6-
[4-[[2-[(methylamino)methyl]-1H-imidazol-1-yl]phenyl]-3-(methylsulfonyl)-
(9CI) (CA INDEX NAME)

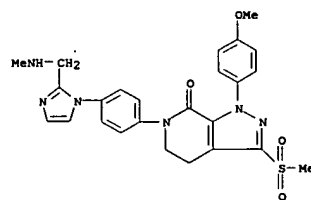
L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473927-39-8 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-1-((4-methoxyphenyl)-6-
[4-[[2-[(methylamino)methyl]-1H-imidazol-1-yl]phenyl]-3-(methylsulfonyl)-
bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 473927-38-7
CMF C25 H26 N6 O4 S



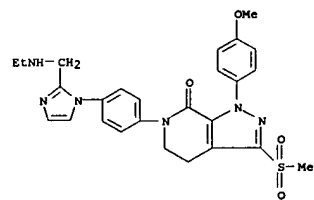
CM 2

CRN 76-05-1
CMF C2 H F3 O2

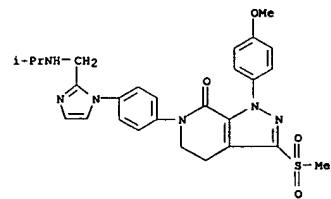
L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473927-40-1 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
6-[[4-[[2-[(ethylamino)methyl]-1H-imidazol-
1-yl]phenyl]-1,4,5,6-tetrahydro-1-((4-methoxyphenyl)-3-(methylsulfonyl)-
(9CI) (CA INDEX NAME)

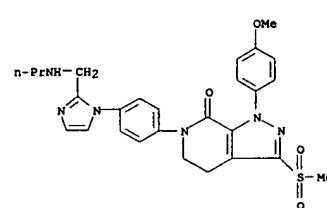


RN 473927-41-2 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-1-((4-methoxyphenyl)-6-
[4-[[2-[(1-methylethyl)amino)methyl]-1H-imidazol-1-yl]phenyl]-3-
(methylsulfonyl)- (9CI) (CA INDEX NAME)

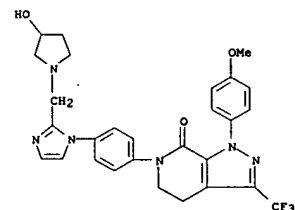


RN 473927-42-3 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-1-((4-methoxyphenyl)-3-
(methylsulfonyl)-6-[[4-[[2-[(propylamino)methyl]-1H-imidazol-1-yl]phenyl]-
(9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

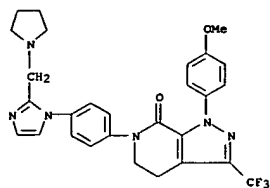


RN 473927-79-6 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-6-[[4-[[2-[(3-hydroxy-1-
pyrrolidinyl)methyl]-1H-imidazol-1-yl]phenyl]-1-((4-methoxyphenyl)-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)

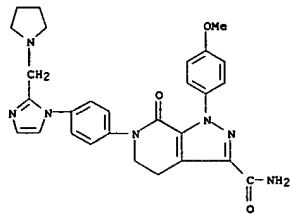


RN 473927-80-9 HCAPLUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one,
1,4,5,6-tetrahydro-1-((4-methoxyphenyl)-6-
[4-[[2-[(1-pyrrolidinyl)methyl]-1H-imidazol-1-yl]phenyl]-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



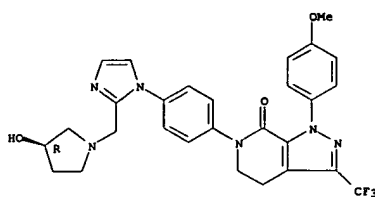
RN 473927-81-0 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6-[4-(2-(1-pyrrolidinylmethyl)-1H-imidazol-1-yl)phenyl]- (9CI) (CA INDEX NAME)



RN 473927-82-1 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[4-(2-[(3R)-3-hydroxy-1-pyrrolidinyl]methyl)-1H-imidazol-1-yl]phenyl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

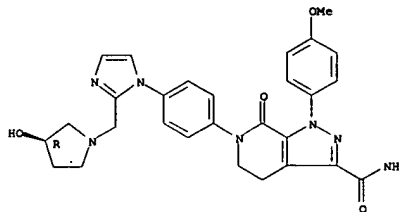
Absolute stereochemistry.

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473927-83-2 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-[4-(2-[(3R)-3-hydroxy-1-pyrrolidinyl]methyl)-1H-imidazol-1-yl]phenyl]-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

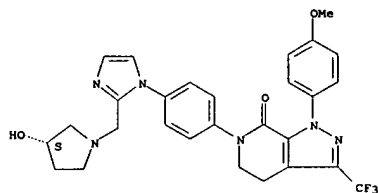
Absolute stereochemistry.



RN 473927-84-3 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[4-(2-[(3S)-3-hydroxy-1-pyrrolidinyl]methyl)-1H-imidazol-1-yl]phenyl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

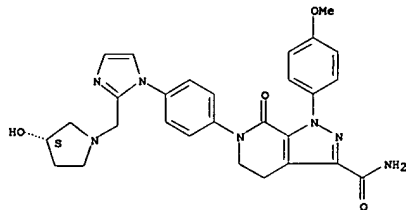
Absolute stereochemistry.

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



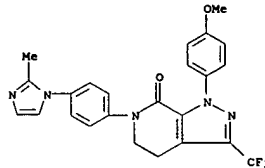
RN 473927-85-4 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-[4-(2-[(3S)-3-hydroxy-1-pyrrolidinyl]methyl)-1H-imidazol-1-yl]phenyl]-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

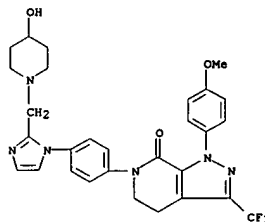


RN 473927-86-5 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[4-(2-[(3S)-3-hydroxy-1-pyrrolidinyl]methyl)-1H-imidazol-1-yl]phenyl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)

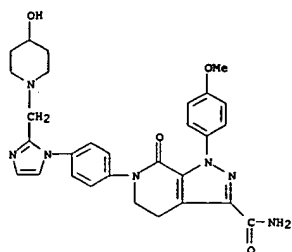


RN 473927-87-6 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[4-(2-[(4-hydroxy-1-piperidinyl]methyl)-1H-imidazol-1-yl]phenyl)-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



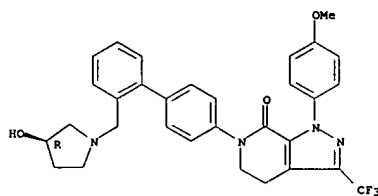
RN 473927-88-7 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-[4-(2-[(4-hydroxy-1-piperidinyl]methyl)-1H-imidazol-1-yl]phenyl)-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



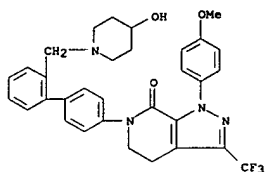
RN 473927-90-1 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[2'-[(3R)-3-hydroxy-1-pyrrolidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



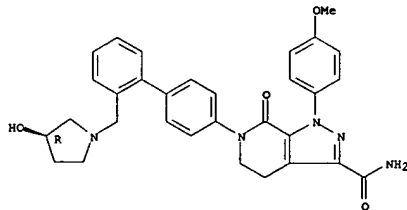
RN 473927-92-3 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[2'-[(3S)-3-hydroxy-1-pyrrolidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



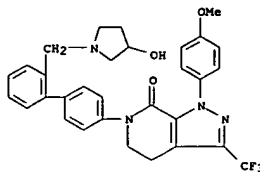
RN 473927-96-7 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-[2'-[(3R)-3-hydroxy-1-pyrrolidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



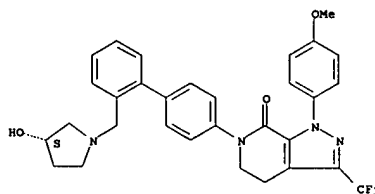
RN 473928-10-8 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[4-[2-[(cyclopropylamino)methyl]-1H-imidazol-1-yl]phenyl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(methanesulfonyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



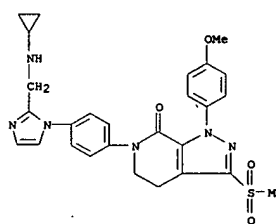
RN 473927-93-4 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[2'-[(3S)-3-hydroxy-1-pyrrolidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

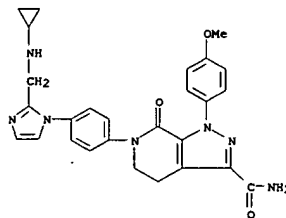


RN 473927-94-5 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[2'-[(4S)-4-hydroxy-1-piperidinyl)methyl][1,1'-biphenyl]-4-yl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473928-11-9 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-[(cyclopropylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

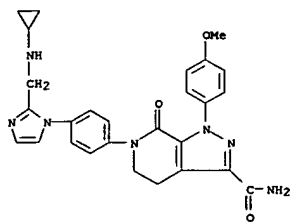


RN 473932-27-3 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[4-[2-[(cyclopropylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 473928-11-9
CMF C27 H27 N7 O3

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



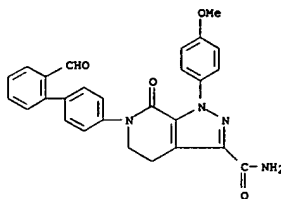
CM 2

CRN 76-05-1
CMF C2 H F3 O2

IT 473927-43-4P 473927-44-5P 473927-45-6P
473927-46-7P 473927-47-8P 473927-48-9P
473927-50-3P 473927-64-9P 473927-65-0P
473927-67-2P
RI: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as
factor Xa
inhibitors)

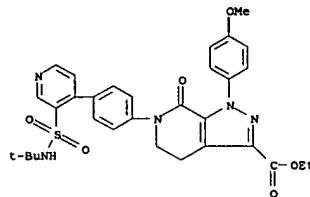
RN 473927-43-4 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-(2'-formyl[1,1'-biphenyl]-4-yl)-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473927-44-5 HCAPIUS

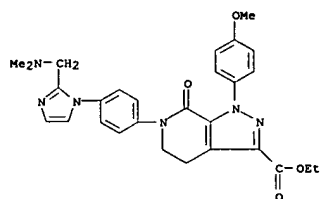
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxylic acid, 6-[4-{3-[(1,1-dimethylethyl)amino]sulfonyl}-4-pyridinyl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)



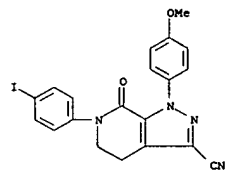
RN 473927-45-6 HCAPIUS

CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxylic acid, 6-[4-{2-[(dimethylamino)methyl]-1H-imidazol-1-yl]phenyl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)

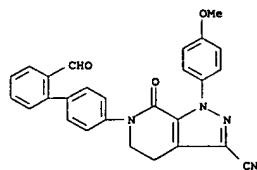
L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473927-46-7 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

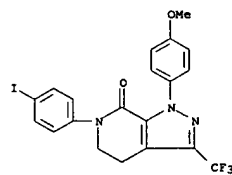


RN 473927-47-8 HCAPIUS
CN 1H-Pyrazolo[3,4-c]pyridine-3-carbonitrile, 6-(2'-formyl[1,1'-biphenyl]-4-yl)-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)



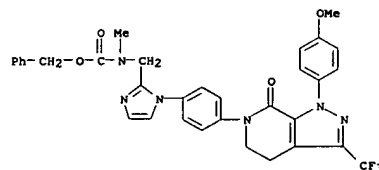
RN 473927-48-9 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 10 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



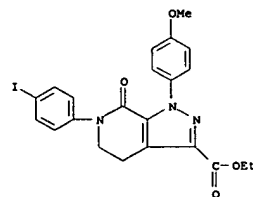
RN 473927-50-3 HCAPIUS

CN Carbamic acid, methyl[[1-[4-{1,4,5,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-3-(trifluoromethyl)-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl]-1H-imidazol-2-yl]methyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

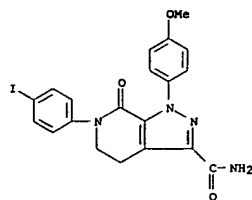


RN 473927-64-9 HCAPIUS

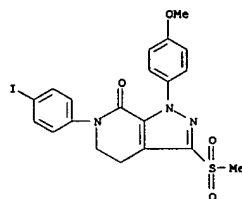
CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxylic acid, 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 473927-65-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

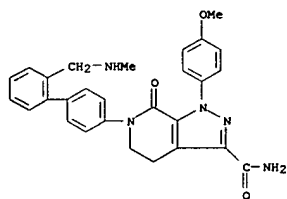


RN 473927-67-2 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-3-(methylsulfonyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

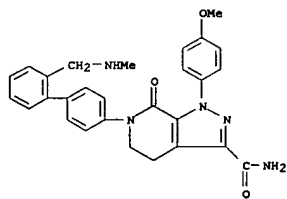
L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 473926-74-8 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[2'-(methylamino)methyl][1,1'-biphenyl]-4-yl]-7-oxo-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 473926-73-7
 CMF C28 H27 N5 O3



CH 2

CRN 76-05-1
 CMF C2 H F3 O2



RN 474084-37-2 HCAPLUS

01/11/2006

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:832608 HCAPLUS
 DOCUMENT NUMBER: 137:337881
 TITLE: Preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor Xa inhibitors
 INVENTOR(S): Pinto, Donald J.; Galemmo, Robert A.
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 40 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085353	A1	20021031	WO 2002-US12204	20020417
WO 2002085353	C2	20030103		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TH			
CA 2441772	AA	20021031	CA 2002-2441772	20020417
US 2003022916	A1	20030130	US 2002-124360	20020417
US 6706730	B2	20040316		
EP 1379244	A1	20040114	EP 2002-725721	20020417
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			US 2001-284614P	P 20010418
			WO 2002-US12204	W 20020417

IT 473926-73-7P 473926-74-8P 474084-37-2P
 474084-38-3P 474084-39-4P 474084-40-7P
 474084-41-8P

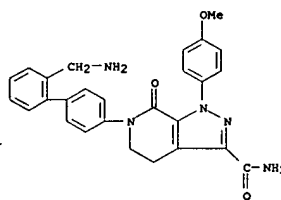
RL: PAC (Pharmacological activity); SPM (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor Xa inhibitors)

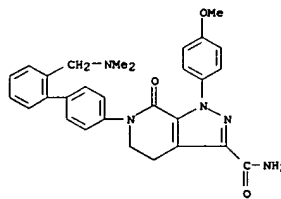
RN 473926-73-7 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-6-[2'-(methylamino)methyl][1,1'-biphenyl]-4-yl]-7-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[2'-(aminomethyl)][1,1'-biphenyl]-4-yl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

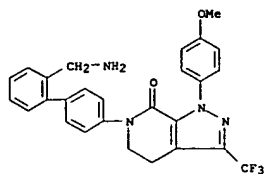


RN 474084-38-3 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-[2'-(aminomethyl)][1,1'-biphenyl]-4-yl]-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

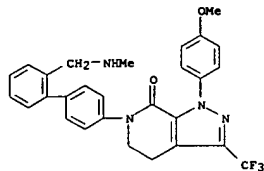


RN 474084-39-4 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[2'-(aminomethyl)][1,1'-biphenyl]-4-yl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

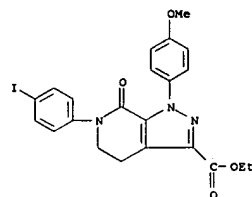


RN 474084-40-7 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-1-[(4-methoxyphenyl)-6-[2'-[(methylamino)methyl][1,1'-biphenyl]-4-yl]-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)

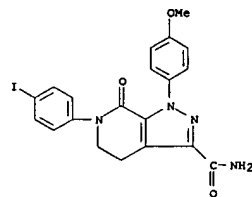


RN 474084-41-8 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[2'-[(dimethylamino)methyl][1,1'-biphenyl]-4-yl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

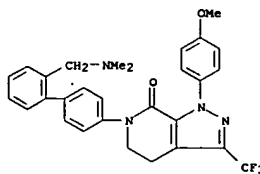


RN 473927-65-0 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)

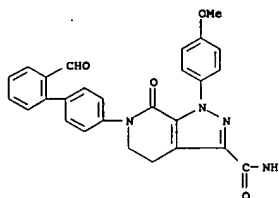


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 473927-43-4P 473927-64-9P 473927-65-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor Xa inhibitors)
 RN 473927-43-4 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxamide, 6-(2'-formyl[1,1'-biphenyl]-4-yl)-4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo- (9CI) (CA INDEX NAME)



RN 473927-64-9 HCAPLUS
 CN 1H-Pyrazolo[3,4-c]pyridine-3-carboxylic acid, 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:457072 HCAPLUS

DOCUMENT NUMBER: 133:74031

TITLE: Preparation of nitrogen-containing heterobicycles [pyrazolopyrimidines and analogs] as factor Xa inhibitors

INVENTOR(S): Fevig, John M.; Cacciola, Joseph; Clark, Charles G.; Lamb, Patrick Yuk Sun; Pinto, Donald J. P.; Pruitt, James R.; Rossi, Karen A.

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA

SOURCE: PCT Int. Appl., 333 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000039131	A1	20000706	WO 1999-US30316	19991217
W: AL, AU, BR, CA, CN, C2, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2349330	AA	20000706	CA 1999-2349330	19991217
EP 1140941	A1	20011010	EP 1999-967444	19991217
EP 1140941	B1	20041020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9917080	A	20020312	BR 1999-17080	19991217
AU 759711	B2	20030417	AU 2000-23717	19991217
NZ 511674	A	20031128	NZ 1999-511674	19991217
AT 280171	E	20041115	AT 1999-967444	19991217
PT 1140941	T	20050228	PT 1999-967444	19991217
ES 2232202	T3	20050516	ES 1999-967444	19991217
HR 990396	A1	20000831	HR 1999-990396	19991221
ZA 2001003795	A	20020812	ZA 2001-3795	20010510
NO 2001003072	A	20010620	NO 2001-3072	20010620
NO 319816	B1	20050919		
PRIORITY APPLN. INFO.:			US 1998-113628P	P 19981223
			US 1999-127633P	P 19990402
			WO 1999-US30316	W 19991217

OTHER SOURCE(S): MARPAT 133:74031

IT 280120-54-9P 280120-55-0P 280120-56-1P

280120-82-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of pyrazolopyrimidinones and other

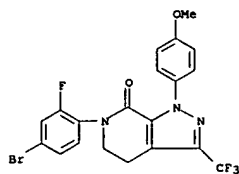
N-containing

heterobicyclics as factor Xa and thrombin inhibitors)

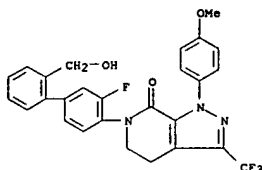
RN 280120-54-9 HCAPLUS

CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-(4-bromo-2-fluorophenyl)-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

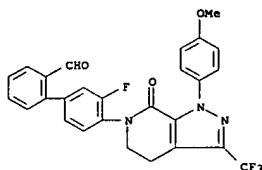
L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 280120-55-0 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[3-fluoro-2'-(hydroxymethyl)]-1,1'-biphenyl-4-yl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

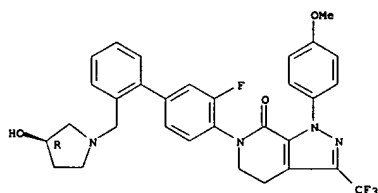


RN 280120-56-1 HCAPLUS
 CN [1,1'-Biphenyl]-2-carboxaldehyde, 3'-fluoro-4'-[1,4,5,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-3-(trifluoromethyl)-6H-pyrazolo[3,4-c]pyridin-6-yl]- (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 280118-35-6 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[3-fluoro-2'-[(3R)-3-hydroxy-1-pyrrolidinylmethyl]]-1,1'-biphenyl-4-yl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

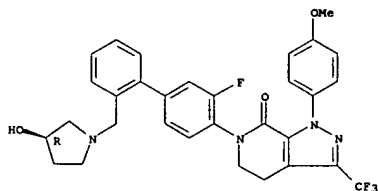


RN 280118-36-7 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[3-fluoro-2'-[(3R)-3-hydroxy-1-pyrrolidinylmethyl]]-1,1'-biphenyl-4-yl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 280118-35-6
 CMF C31 H28 F4 N4 O3

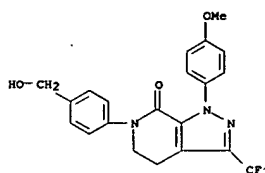
Absolute stereochemistry.



CM 2

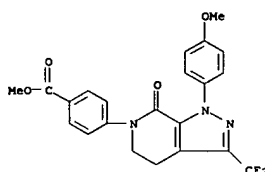
CRN 76-05-1
 CMF C2 H F3 O2

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 280120-82-3 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 1,4,5,6-tetrahydro-6-[4-(hydroxymethyl)phenyl]-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 280120-95-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (starting material; preparation of pyrazolopyrimidinones and other N-containing heterobicyclics as factor Xa and thrombin inhibitors)

RN 280120-95-8 HCAPLUS
 CN Benzoic acid, 4-[1,4,5,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-3-(trifluoromethyl)-6H-pyrazolo[3,4-c]pyridin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)

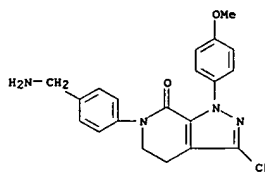


IT 280118-35-6P 280118-36-7P 280119-03-1P
 280119-04-2P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (target compound; preparation of pyrazolopyrimidinones and other N-containing heterobicyclics as factor Xa and thrombin inhibitors)

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



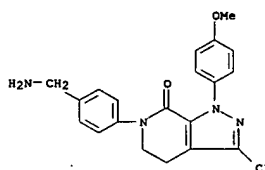
RN 280119-03-1 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[4-(aminomethyl)phenyl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 280119-04-2 HCAPLUS
 CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 6-[4-(aminomethyl)phenyl]-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 280119-03-1
 CMF C21 H19 F3 N4 O2



CM 2

CRN 76-05-1
 CMF C2 H F3 O2

L4 ANSWER 12 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L4 ANSWER 13 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN

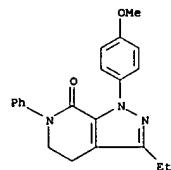
ACCESSION NUMBER: 1995:480325 HCAPIUS
DOCUMENT NUMBER: 122:239696
TITLE: Preparation of tetrahydropyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase IV or the production of tumor necrosis factor.
INVENTOR(S): Duplantier, Allen Jacob
PATENT ASSIGNEE(S): Pfizer Inc., USA
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9501980	A1	19950119	WO 1994-1B156	19940616
W: AU, BR, CA, CN, CZ, HU, JP, KR, NO, NL, PL, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9468057	A1	19950206	AU 1994-68057	19940616
AU 695301	B2	19980813		
EP 707585	A1	19960424	EP 1994-916370	19940616
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08507084	T2	19960730	JP 1994-503938	19940616
JP 2944048	B2	19990830		
BR 9406946	A	19960806	BR 1994-6946	19940616
CN 1129940	A	19960828	CN 1994-193233	19940616
CN 1048015	B	20000105		
HU 74170	A2	19961128	HU 1995-3934	19940616
RU 2131876	C1	19990620	RU 1996-103653	19940616
CA 2166721	C	19990727	CA 1994-2166721	19940616
IL 110175	A1	20000131	IL 1994-110175	19940630
FI 9403208	A	19950107	FI 1994-3208	19940705
ZA 9404844	A	19960105	ZA 1994-4844	19940705
NO 9600056	A	19960105	NO 1996-56	19960105
AU 9892402	A1	19990121	AU 1998-92402	19981113
PRIORITY APPLN. INFO.:			US 1993-88292	A 19930706
			AU 1994-68057	A3 19940616
			WO 1994-1B156	W 19940616
			US 1994-326434	A 19941020
			AU 1995-35317	A3 19951006

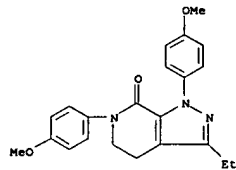
OTHER SOURCE(S): MARPAT 122:239696
IT 162141-59-5P 162141-62-0P 162141-65-3P
RL: BAC (Biological activity or effector, except adverse); BSU
(Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydropyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase IV or the production of tumor necrosis factor)
RN 162141-59-5 HCAPIUS

L4 ANSWER 13 OF 13 HCAPIUS COPYRIGHT 2006 ACS on STN (Continued)

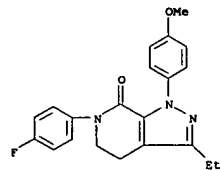
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 3-ethyl-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)-6-phenyl- (9CI) (CA INDEX NAME)



RN 162141-62-0 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 3-ethyl-1,4,5,6-tetrahydro-1,6-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 162141-65-3 HCAPIUS
CN 7H-Pyrazolo[3,4-c]pyridin-7-one, 3-ethyl-6-(4-fluorophenyl)-1,4,5,6-tetrahydro-1-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



Andrew Freistein 10/801,519

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Executing the logoff script...

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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